

	Y1	Y2
Addition and subtraction	<p>Know number pairs with a total of 10 Know addition facts for totals to at least 5 Know addition doubles for all numbers to at least 10 Add or subtract a pair of single digit numbers Add or subtract a single digit to or from a teens number Add or subtract a single digit to or from 10 Add a multiple of ten to a single digit number Add near doubles Know number facts addition and subtraction with all numbers to 20</p>	<p>Know number pairs with totals to 100 Know all pairs of multiples of 10 to 100 Know addition doubles for all numbers to 20 and multiples of 10 to 50 Add or subtract a pair of single digit numbers crossing 10 Add or subtract a single digit to or from any multiple of 10 Add or subtract a single digit to or from a 2 digit number including crossing ten Add 3 single digit numbers Add two 2digit numbers Add or subtract any multiple of ten to or from any 2 digit number Add 9,19,29,.....or 11,21,31,..... Add 2 digit near doubles Addition and subtraction facts up to 100</p>
Multiplication and division	<p>Know doubles of numbers to 10 Know odd and even numbers to 20 Be able to count on from and back to zero in 1s,2s,5s,10s up to 100</p>	<p>Know doubles of all numbers to 20 and corresponding halves Know doubles of all multiples of 10 to 50 and corresponding halves Know multiplication facts for 2x,5x,10x tables and corresponding division facts Know odd and even numbers to 100 Double any multiple of 5 to 50 Halve any multiple of 10 up to 100 Find half of even numbers to 40 Find total number of objects when organised into groups of 2,5,10</p>

	Y3	Y4
Addition and subtraction	<p>Know addition and subtraction facts for all numbers to 20</p> <p>Know sums and differences of multiples of 10</p> <p>Know pairs of 2 digit numbers with total of 100</p> <p>Know addition doubles for multiples of 10 to 100</p> <p>Add and subtract groups of small numbers</p> <p>Add or subtract a 2 digit number to or from a multiple of 10</p> <p>Add near doubles to 100</p> <p>Add HTU+U, HTU+T, HTU+H</p>	<p>Know sums and differences of pairs of multiples or 10,100,1000</p> <p>Know addition doubles of numbers 1-100 and corresponding halves</p> <p>Know pairs of fraction that total 1</p> <p>Add and subtract two 2digit numbers crossing 100</p> <p>Add near doubles of 2digit numbers</p> <p>Add or subtract 2 or 3digit multiples of 10</p>
Multiplication and division	<p>Know multiplication facts for 3X,4X,8X tables and corresponding division facts</p> <p>Know doubles of multiples of 10 to 100</p> <p>Be able to double any multiple of 5 to 100</p> <p>Halve any multiple of 10 to 200</p> <p>Multiply 1or2digit numbers by 10,100</p> <p>Find unit fractions or numbers and quantities $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{10}$</p> <p>Multiply and divide TU by U using tables facts they know</p>	<p>Know multiplication facts to 12x12 and corresponding division facts</p> <p>Know doubles of numbers 1-100 and corresponding halves</p> <p>Know fraction and decimal equivalence half, quarters, tenths, hundredths</p> <p>Know factor pairs for known multiplication facts</p> <p>Be able to double any 2digit number or multiple of 10 or 100 including corresponding halves</p> <p>Halve any even numbers to 200</p> <p>Multiply and divide numbers to 1000 by 10,100</p> <p>Multiply multiples of 10 to 100 by single digit</p> <p>Multiply numbers to 20 by single digit</p>

	Y5	Y6
Addition and subtraction	<p>Know sums and differences of decimals Know doubles and halves of decimals Know what must be added to any 4 digit number to make the next multiple of 1000 Know what must be added to a decimal with units and tenths to make the next whole number Add or subtract a pair of 2 digit numbers or 3 digit multiples of 10 Add or subtract near multiple of 10 or 100 to any 2 or 3 digit number Find difference between near multiples of 100 or 1000 Add and subtract large numbers</p>	<p>Know addition and subtraction facts for multiples of 10 to 1000 and decimals with 1 decimal place Know what must be added to a decimal unit, tenths, hundredths to make the next whole number Add or subtract decimals with 1 or 2 decimal places Find doubles of numbers with 1 decimal place Add near doubles of decimals Perform mixed operations and those with large numbers</p>
Multiplication and division	<p>Know squares to 10x10 Know division facts corresponding to tables up to 10x10 and related unit fractions Recognise percentage equivalence half, quarters, tenths, hundredths Know factor pairs to 100 Multiply and divide 2 digit numbers by 4,8 Multiply 2 digit numbers by 5 or 20 Multiply by 25,50 Double 3 digit multiples of 10 to 500 and find corresponding halves Multiply and divide whole numbers and decimals by 10,100,1000 Multiply pairs of multiples of 10 and a multiple of 100 by a single digit Divide a multiple of 10 by a single digit whole answer Find 50%20%10% of whole numbers or quantities Multiply and divide using know tables facts</p>	<p>Know squares to 12x12 Know squares of multiples of 10 to 100x100 Know prime numbers less than 100 Recognise equivalent fractions, decimals, percentages for hundredths Multiply 2 digit number by single digit Divide 2 digit number by single digit Divide by 25, 50 Double decimals with 1 decimal place and find corresponding half Multiply pairs of multiples of 10 and 100 Multiply and divide decimals with 1 decimal place Find 10% or multiples of 10% for whole numbers and quantities</p>